## <u>Claims</u>

Having thus described our invention, what we claim as new, and desire to secure by letters patent is:

1. A system having a server and plural computers for sharing a browser, each computer has browser for browser pages, a PageManger controlling said pages, and a NodeManager controlling said browser for making a communicating between said PageManager said server, wherein said PageManager comprises:

means for detecting changes in own page, and sending said changes to said NodeManager that sends said changes to said server; or

means for receiving changes in a page of another computer from said NodeManager, and reflecting said changes to own page.

- 2. The system according to claim 1 wherein said server comprises: a CachinManager that accumulates pages; a CommunicationManager that controls sessions among said plural computers; and an Embedder that embeds in each page PageManager for controlling pages.
- 3. The system according to claim 1 wherein said PageManager has a PageController and a PageCommunicator, said PageController comprises:detecting changes in a page element, and sending said changes to said NodeManager by way of said PageCommunicator; or receiving changes in a page of another computer from said NodeManager by way of said PageCommunicator and reflecting the received changes to own page element.

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4. The system according to claim 3 wherein
said changes in a page element are changes in page
loading, changes in a form element including text and
buttons, changes in a scroll position of a page or
operation of a remote pointer.
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- 5. The system according to claim 1 wherein said PageManager analyzes from hierarchical structure of a page and communicates with a corresponding PageManager based on this analysis result.
- 6. The system according to claim 1 wherein said NodeManager resides in a page independent from the page in the shared browser and which does not migrate and controls communication between PageManagers dynamically generated/terminated along with page loading, etc.
- 7. The system according to claim 1 wherein said NodeManager controls page information including transition history of a page.
- 8. The system according to claim 1 wherein said PageManager and said Nodemanager are embedded as Java applets which have an identical domain and data communication by shared memory is performed between said PageManager and said NodeManager.
- 9. A server for sharing a browser among plural computers, comprising:
- means for receiving from a computer a signal for sharing said browser;

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means for sending to a computer a NodeManager controlling said browser; means for receiving from a computer a request for viewing a page on said browser;

means for sending to a computer, according to said request for viewing a page, a request page in which a PageManager controlling pages is embedded;

means for receiving page change information sent by said PageManager via said NodeManager; and means for sending said page change information to another computer.

10. A method for sharing a browser among plural computers, comprising the step of:

on activating said browser of a computer, loading a NodeManager on the computer from a server;

establishing communication between said server and said NodeManager;

said NodeManager assigning shared memory;
on page viewing on said browser, embedding a
PageManager on a requested page on said server;
establishing communication between said
NodeManager and said PageManager via said shared memory;
and

sending changes in a page on page viewing to said NodeManager via said shared memory, or receiving changes in a page of another computer from said NodeManager via said shared memory and reflecting said changes to a next page.

11. A medium having a program for sharing a browser among plural computers, said program having said computers implement the functions of:

4	establishing communication with a server;
5	assigning shared memory;
6	on page viewing on said browser, issuing a page
7	request to said server;
8	receiving from said server a page in which a
9	PageManager controlling pages is embedded; and
10	sending to said server changes in a page
11	received from said PagerManager via said shared memory,
12	or receiving changes in a page of another computer from
13	said server and sending said changes to said PageManager
14	via said shared memory.